

REPLACEMENT SHEET

Application No.: 10/512,028

Inventors: Jay WOHLGEMUTH, et al.

Title: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING

AUTO IMMUNE CHRONIC INFLAMMATORY DISEASES

Attorney Docket No. 50661-20001.03

FIGURE 5

C.

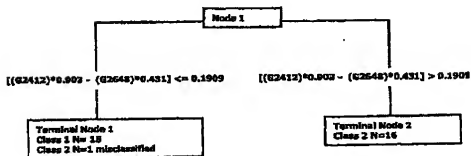
Model #	Relative Cost	SEQ ID	Locus	Nominal Description	CART Splitter	CART Value for Dx SLE
Model 12	0.116	514	NM_002946	replication protein A2 (33kD)	20-1st	$[24127^{\circ}0.903 - (28487^{\circ}0.431)] \leq 0.1909$
		510	NM_004810	interferon-induced protein 75	20-1st	$[24127^{\circ}0.903 - (28487^{\circ}0.431)] \leq 0.1909$
		514	NM_002946	replication protein A2 (33kD)	20-1st	$[24127^{\circ}0.903 - (28487^{\circ}0.431)] \leq 0.1909$
Model 13	0.125	514	NM_002946	replication protein A2 (33kD)	20-1st	$[24127^{\circ}0.903 - (28487^{\circ}0.431)] \leq 0.1909$
		510	NM_004810	interferon-induced protein 75	20-1st	$[24127^{\circ}0.903 - (28487^{\circ}0.431)] \leq 0.1909$
		509	BC002409	actin, beta (ACTB)	2nd	$[G1439] > 0.0893$
Model 1	0.612	504	W16852	PIQR	1st	$[5087] > 0.1030$
Model 11	0.696	504	W16852	PIQR	1st	$[5087] > 0.1030$
		575	AK024756	hypothetical protein FLJ21103	2nd	$[G1025] \leq 0.3968$
		578	AK024959	hypothetical protein DKFZp598t133	3rd	$[G1038] \leq 0.0073$
Model 14	0.745	504	W16852	PIQR	1st	$[5087] > 0.1030$
		574	AK024840	cDNA FLJ14178 5a	2nd	$[G1009] \leq 0.2105$
		575	AK024756	hypothetical protein FLJ21103	2nd	$[G1025] \leq 0.3968$
		573	AK0246202	heat shock 90kD protein 1, alpha	3rd	$[G1001] \leq 0.2107$
		578	AK024959	hypothetical protein DKFZp598t133	3rd	$[G1038] \leq 0.0073$

D.

	Model	Sensitivity	Specificity	Relative Cost
Training Set	Model 1 (2 genes)	100	94	
	Model 1 (3 genes)	100	100	
10-fold Cross	Model 1 (2 genes)	100	88	0.118
Validation	Model 1 (3 genes)	93	94	0.125

FIGURE 5

R.



F.

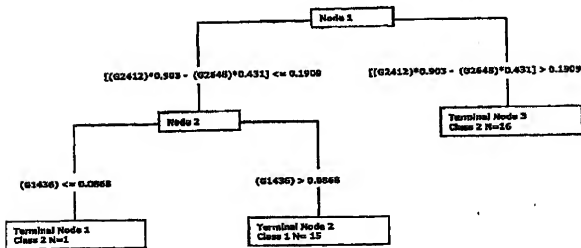


FIGURE 7

